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[54]	LAMINATION JACKET AND METHOD FOR
	FOR FUSING A TRANSFERABLE IMAGE TO
	A DIGITAL DISC

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[56]

[58]

References Cited

U.S. PATENT DOCUMENTS

4,064,285	12/1977	Mammino 427/24
5,233,397	8/1993	Till 399/307
5,317,337	5/1994	Ewaldt 347/2

5,428,430 6/1995 5,429,045 7/1995 5,435,246 7/1995 5,609,102 3/1997	Ward 101/35 X Aslam et al. 399/307 Karlyn et al. 101/35 X Edman 101/35 X Rapp 101/35 X Theodoulou et al. 399/307
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FOREIGN PATENT DOCUMENTS

0 581 378	2/1994	European Pat. Off B41F 17/26
0 727 778	8/1996	European Pat. Off G11B 7/26
2281535	3/1995	United Kingdom G03G 13/16
WO 89/06375	7/1989	WIPO G03B 27/32

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ABSTRACT

A method for fusing a transferable image to a face of a digital disc and a lamination jacket. In the method, a transferable image is printed onto a transfer support. The transferable image is registered against the face of a digital disc to provide a transfer support-digital disc pair. The transferable image is roller laminated to the face of the digital disc. The transferable image and face of the digital disc are kept in registry during the roller laminating. The lamination jacket is for use in transporting a transfer support bearing a transferable image and a digital disc through the nip between a pair of compliant rollers to heat and pressure fuse the transferable image to the face of the digital disc. The lamination jacket has an insert. A shell is joined to the insert. The shell is exterior to the insert. The shell and insert define a pocket for closely receiving the digital disc. The lamination jacket has at least one guide for registering the digital disc and transfer support within the pocket.

10 Claims, 5 Drawing Sheets

